

**From:** [TARNOW Karen E](#)  
**To:** [Eric Blischke/R10/USEPA/US@EPA](#)  
**Cc:** [TARNOW Karen E](#)  
**Subject:** RE: FW: Stormwater Technical Team Call October 16 at 1:00 pm  
**Date:** 10/09/2008 05:00 PM

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I did a little digging and figured part of this out, but not all of it

208 and 80.8 are the field dup and normal sample from the same event (4/18/07). I think the protocol we recently agreed to would average those, but I don't know for sure. If it does, then this storm event would be 144.

641 is from a storm sampled in 2008 that was not part of the data set LWG was using to develop the tables they did in the fall of 2007.

The weird thing is that the previous spreadsheets indicate that the result of the 4/23/07 event was 26.2, but their final report has 54.2UT (and I don't know what the "T" stands for. They don't bold it in the report so I guess they are considering it ND.

So that leaves us with 144 (possible) and 641 - which brings the average up to almost 400.

-----Original Message-----

From: Blischke.Eric@epamail.epa.gov [mailto:Blischke.Eric@epamail.epa.gov]  
Sent: Thursday, October 09, 2008 3:48 PM  
To: TARNOW Karen E  
Subject: Re: FW: Stormwater Technical Team Call October 16 at 1:00 pm

Thanks, Karen, I had these. I am attaching a portion of my presentation - dealing with the surface water, stormwater and wet deposition results. Note that Table 4-3 in the recently received stormwater report provides the following total PCB values for open space:

208, 80.8 and 641. These were calculated assuming non-detected congeners = 0. The mean concentration is 309 pg/l. Again, comparable to the rainwater data.

Eric

(See attached file: SurfaceWaterSummary.ppt)

"TARNOW Karen E"  
<TARNOW.Karen@de  
q.state.or.us>

10/09/2008 11:48  
AM

To  
cc  
Subject  
FW: Stormwater Technical Team  
Call October 16 at 1:00 pm

Here's what I was talking about.

From: Carl Stivers [mailto:cstivers@anchorenv.com]  
Sent: Friday, October 12, 2007 10:02 AM  
To: Koch.Kristine@epamail.epa.gov; Andy Koulermos; Amanda Shellenberger; Amanda Spencer; Sanders, Dawn; Scheffler, Linda; Laura Jones; mcoover@ensr.aecom.com; LaFranchise, Nicole; TARNOW Karen E  
Cc: Bob Wyatt; Rick Applegate; MCCLINCY Matt; Jessica Pisano; Gene Revelas; Christine Hawley; Jim McKenna  
Subject: RE: Stormwater Technical Team Call October 16 at 1:00 pm;

Stormwater Technical Team -

<<Elements of Loading Analysis Oct 12.doc>> <<20071010\_summary\_stats\_tables\_only.xls>>  
<<20071011\_figures\_by\_outfall.pdf>> <<20071012\_figures\_by\_land\_use.pdf>>

Attached are some data summaries to facilitate our next call. In addition, there is a summary of loading estimate calculation method options that was also requested by the team. My suggestion for an agenda based email traffic since our last meeting is:

- . Finalize recommendations for fall stormwater/sediment trap sampling
- o Review data summaries
- o Discuss work anticipated at GE and T4 sites and how that fits in
- o Decide on any changes to recommendations

- Discuss path forward to seek approvals and schedule for implementation:
- Discuss stormwater loading calculation methods (if time allows)
- Determine next meeting time and content

Also, note that we are planning on providing one additional data table that may be helpful to the group, but that will likely not be available until late today or Monday.

Thanks.

Carl

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From: Carl Stivers  
Sent: Tuesday, October 02, 2007 10:58 AM  
To: 'Koch.Kristine@epamail.epa.gov'  
Cc: Andy Koulermos; Amanda Shellenberger; Amanda Spencer; Christine Hawley; Sanders, Dawn; Gene Revelas; Jim McKenna; Jessica Pisano; Scheffler, Linda; Laura Jones; MCCLINCY Matt; mcoover@ensr.aecom.com; LaFranchise, Nicole; Rick Applegate; Bob Wyatt; TARNOW Karen E  
Subject: Stormwater Technical Team Call October 16 at 1:00 pm;

Stormwater Technical Team -

The next call is [REDACTED] 6th [REDACTED] pm as Amanda Shellenberger previously noted. The call in [REDACTED] be [REDACTED] Non-Responsive [REDACTED] (Jes [REDACTED] on [REDACTED] me that this number is OK for this time.)

I also wanted to mention that the LWG has been discussing the scheduling of the additional stormwater work currently under consideration. Basically, the work would need to be completed by Dec. 31, 2007 in order for the overall RI/FS project to stay on schedule. Given Kristine's comments (copied below) regarding potential for more data needs based on review of the stormwater detect/concentration data, it is imperative that we make any final decisions on the complete set of data needs at this next call. From that point, I would envision the following schedule:

- Obtain official LWG approval/disapproval between Oct. 16 and October 31.
- Formalize proposal in a technical memo from Oct. 16 to October 31, with EPA approval to proceed on October 31. (Note that this memo would heavily reference the existing FSP and would only note those new items necessary to execute this additional proposed work.)
- Deploy sediment traps from Nov. 1 through Dec. 31
- Be on alert for storm events from Nov. 1 through Dec. 31 and collect storms as possible per the FSP requirements.

Note that LWG consultants are working on a stormwater data detect/concentration summary consistent with the last meetings discussion and plan to get that to the Stormwater Technical team by October 11th after LWG approval on October 10th. The field sampling report is also under preparation, and is due to EPA in mid-October. I think it is unlikely that EPA/DEQ would have this report in hand prior to the October 16th call. However, I don't think this report will have much direct impact on our decisions as compared to the stormwater data summaries.

In the meantime, please let me know if you have any other questions.

Thanks.

Carl

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-----Original Message-----

From: Koch.Kristine@epamail.epa.gov [mailto:Koch.Kristine@epamail.epa.gov]  
Sent: Friday, September 21, 2007 9:01 AM

To: Carl Stivers

Cc: Andy Koulermos; Amanda Shellenberger; Amanda Spencer; Christine Hawley; Sanders, Dawn; Gene Revelas; Jim McKenna; Jessica Pisano; Scheffler, Linda; Laura Jones; MCCLINCY Matt; mcoover@ensr.aecom.com; LaFranchise, Nicole; Rick Applegate; Bob Wyatt; TARNOW Karen E  
Subject: RE: Notes from Stormwater Tech Team Call Sept 14th at 1:15pm

Carl - First, I'm currently available that week, except 10/17 (9-11) and

10/18 (1:30-2).

Secondly, you did not provide a table or listing of the proposed

sampling so that may be where Karen's comment came from. Your statement

makes it appear that there are no data gaps and I think it would be

helpful for others to see the initial list to grasp the magnitude of

this. I really thought our last meeting was going to have more

discussion involving the analyzed data. I had provided my list of data

gaps earlier, and it seems that the last conference call didn't put us

much further ahead. I had identified several data gaps just based on

sampling, but agreed that if the data analysis could show that any of

these data gaps were filled, then additional sampling would not be

necessary. Additionally, the data analysis could show that more

sampling is necessary in other areas. I think that it is imperative to

look at the data soon and confirm the data gaps by the next meeting to

ensure that there is time to get into the field and collect the

information to fill the data gaps this fall.

Kristine Koch

Remedial Project Manager

USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency

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1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)[attachment "Elements of Loading Analysis Oct 12.doc" deleted by Eric Blischke/R10/USEPA/US] [attachment "20071010\_summary\_stats\_tables\_only.xls" deleted by Eric Blischke/R10/USEPA/US] [attachment "20071011\_figures\_by\_outfall.pdf" deleted by Eric Blischke/R10/USEPA/US] [attachment "20071012\_figures\_by\_land\_use.pdf" deleted by Eric Blischke/R10/USEPA/US]